

```

<a name="home">
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text-align: center;"><span style="font-weight: 700;"><span style="color: white; font-family:
helvetica; font-size: medium;">Laporan Akhir 1</span></span></div><div style="font-family:
&quot;Times New Roman&quot;; text-align: center;"><span style="color: white;"><b><span
style="font-family: helvetica; font-size: medium;">(Percobaan 1&nbsp;</span></b><b><span
style="font-family: helvetica; font-size: medium;">J-K flip flop dan D flip
flop</span></b><b><span style="font-family: helvetica; font-size:
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New Roman&quot;; text-align: center;"><b><span style="font-family: helvetica; font-size:
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href="https://rahmatuzz212017.blogspot.com/2023/05/modul-1-elektronika-dan-sistem-digital
.html"><span style="color: #2b00fe; font-family: arial;">[KEMBALI KE MENU
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<span style="color: #2b00fe; font-family: arial;"><b>DAFTAR ISI</b>
<br />
</span><div style="text-align: left;">
<a href="#kondisi"><span style="color: #2b00fe; font-family: arial;">1.
Jurnal</span></a></div>
<div style="text-align: left;">
<a href="#hardware"><span style="color: #2b00fe; font-family: arial;">2. Alat dan
Bahan</span></a></div>
<div style="text-align: left;">
<a href="#rangkaian"><span style="color: #2b00fe; font-family: arial;">3. Rangkaian
Simulasi</span></a></div>
<div style="text-align: left;">
<a href="#flowchart"><span style="color: #2b00fe; font-family: arial;">4. Prinsip Kerja
Rangkaian</span></a></div>
<div style="text-align: left;"><a href="#listing"><span style="color: #2b00fe; font-family:
arial;">5. Video Pratikum</span></a></div>
<div style="text-align: left;">
<a href="#video"><span style="color: #2b00fe; font-family: arial;">6.
Analisa</span></a></div>
<div style="text-align: left;">
<span style="font-family: arial;"><a href="#prinsip"><span style="color: #2b00fe;">7. Link
Download</span></a><br />
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1. Jurnal

[\[Kembali\]](#)

Gambar 1

1.

2. Alat dan Bahan

[\[Kembali\]](#)

Saat praktikum:

a. Panel DL 2203D

b. Panel DL 2203C

c. Panel DL 2203S

[\[Kembali\]](#)

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background-size: initial; border: none; box-shadow: rgba(0, 0, 0, 0.1) 1px 1px 5px;
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border-box; clear: both; font-family: "open sans"; arial, helvetica, sans-serif;
font-size: 15px; margin: 0px; padding: 0px; text-align: center;">Gambar<span
style="background-color: none;">2.1. Modul De
Lorenzo</div></div><div><br
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border: 0px; box-sizing: border-box; font-family: "open sans"; arial, helvetica,
sans-serif; font-size: 15px; margin: 0px; padding: 0px;">d. Jumper</div><div
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0px; padding: 0px; text-align: center;"><a
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center;">Gambar 2.2. Jumper</div><div class="separator" style="background-color:
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arial, helvetica, sans-serif; font-size: 15px; margin: 0px; padding: 0px; text-align: center;"><br
style="box-sizing: border-box;" /></div><div class="separator" style="background-color:
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arial, helvetica, sans-serif; font-size: 15px; margin: 0px; padding: 0px;"><div
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padding: 0px;">
</div></div></div><div><div><div style="background-color:
none;"> </div><div
style="background-color: none;"><br
</div><div style="background-color: none; text-align: left;"><ul style="text-align:
left;">Pada

Proteus;

1. IC 74LS112 (JK flip flop)

Gambar 2.3.

2. IC 7474 (D Flip Flop)

2

[illegible]

box-sizing: border-box; clear: both; margin: 0px; padding: 0px;">
</div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"></div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"><b style="color: #999999; font-family: "open sans", arial, helvetica, sans-serif; font-size: 15px;">Gambar 2.6. Switch</div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px;"> </div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px;">
</div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px;">5. Logicprobe</div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;">
</div></div></div></div></div></div><div class="separator" style="clear: both;"><div class="separator" style="clear: both; text-align: center;"><div class="separator" style="clear: both; text-align: center;"></div>Gambar 2.7. Logis Probe

</div></div><div>
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3. Rangkaian Simulasi

[Kembali]
</div><div>
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Rangkaian Simulasi pada Modul De Lorenzo</td></tr></tbody></table><div class="separator" style="clear: both;"><br style="color: black; font-family: "Times New Roman""></div></div></div><div><div style="text-align: left;">
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</div><div><div class="separator" style="clear: both; text-align: center;"></div></div><div><div style="text-align: center;">Gambar 3.2
Rangkaian Percobaan 1</div><div style="text-align: center;">
</div><div style="text-align: center;">
</div><div style="text-align: center;">
</div>4. Prinsip Kerja Rangkaian

[Kembali]</div><div>

<div><ul style="font-family: Georgia, Utopia, "Palatino Linotype", Palatino, serif; font-size: 15.4px; line-height: 1.4; margin: 0.5em 0px; padding: 0px 2.5em;"><li style="margin: 0px 0px 0.25em; padding: 0px;">J-K Flip-Flop <p style="font-family: Georgia, Utopia, "Palatino Linotype", Palatino, serif; font-size: 15.4px;"></p><p class="MsoNormal" style="background-attachment: scroll; background-clip: initial; background-image: none; background-origin: initial; background-position: 0% 0%; background-repeat: repeat; background-size: initial; font-family: times, "times new roman", serif; font-size: 15.4px; line-height: normal; text-align: justify;"> Rangkaian J-K flip-flop merupakan flip-flop pengembangan dari R-S flip-flop. Tabel kebenaran J-K flip-flop akan sesuai ketika input R-S nya dinonaktifkan. Jika pin R dan S salah satunya atau keduanya aktif, maka output rangkaian akan memprioritaskan output sesuai dengan tabel kebenaran R-S flip-flop. Pada gambar rangkaian di atas input R-S nya aktif low, sehingga untuk menonaktifkan input R dan S yang harus kita inputkan pada rangkaian adalah 1. Sehingga, output flip-flop pada rangkaian tersebut sesuai dengan tabel kebenaran J-K flip-flop. Output J-K flip-flop akan berubah ketika input clock mengalami kondisi fall time, yaitu kondisi input berubah dari keadaan high(1) menjadi low(0). Pada J-K flip-flop terdapat kondisi toggle, yaitu kondisi dimana ouput dari rangkaian akan berlawanan dengan output sebelumnya. Kondisi ini diperoleh ketika pin J dan K sama-sama berlogika 1.</p><p class="MsoNormal" style="background-attachment: scroll; background-clip: initial; background-image: none; background-origin: initial; background-position: 0% 0%; background-repeat: repeat; background-size: initial; font-family: Georgia, Utopia, "Palatino Linotype", Palatino, serif; font-size: 15.4px; line-height: normal; text-align: justify;"></p><ul style="font-family: times, "times new roman", serif; font-size: 15.4px; line-height: 1.4; margin: 0.5em 0px; padding: 0px 2.5em;"><li style="margin: 0px 0px 0.25em; padding: 0px;">D Flip-Flop <div style="font-family: Georgia, Utopia, "Palatino Linotype", Palatino, serif; font-size: 15.4px;"></div><p style="font-family: Georgia, Utopia, "Palatino Linotype", Palatino, serif; font-size: 15.4px;"></p><p class="MsoNormal" style="background-attachment: scroll; background-clip: initial; background-image: none; background-origin: initial; background-position: 0% 0%; background-repeat: repeat; background-size: initial; font-family: Georgia, Utopia, "Palatino Linotype", Palatino, serif; font-size: 15.4px;"></p>

[illegible]

src="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEjzInpgPGRKzQkvX4s9tNBTdcNiI5C5gD5CDLSYNGTQXwQx02VdPjHxCc1RTS3JUST-QmX1Nn-l677xrV4oEDYhFvss9dVeBEiDT9LhOylvWlonalsAEJvraMQIoCmwod-4r7X1w319TmnkyloI_Mem33JLKgHapvjGD3qV_5jp489p6aKJSxtCNk3zew/w395-h495/WhatsApp%20Image%202023-06-02%20at%2013.28.29.jpg" width="395" /></div></div><div style="text-align: center;"><b style="font-family: "open sans"; arial, helvetica, sans-serif; font-size: 15px;">Gambar 6.1. Analisa</div></div><div style="text-align: center;">
</div></div><div>
</div><div>7. Link Download[Kembali]</div><div>Download HTML [klik disini]Download Rangkaian Simulasi [klik disini]Download Video Simulasi [klik disini]Download Datasheet IC 7474 (D Flip Flop) [klik disini]<li style="margin: 0px 0px 0.25em; padding: 0px;">Download Datasheet IC 74LS112 (J-K Flip Flop) [klik disini]<li style="margin: 0px 0px 0.25em; padding: 0px;">Download Datasheet Switch [klik disini]</div></div>

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